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DESCRIPTORS: *Plants, *Soils, Decomposition,
*Quartz, *Rock, *Geology, *Minerals, *Decomposition,
Quartz, Gels, Organic acids, Earth.

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with hydrogen ions, part of the latter enters reversibly
and can be replaced with cations of salts. The other
part of the hydrogen ions enters irreversibly. In the
reversible replacement of hydrogen ions, a partial
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